

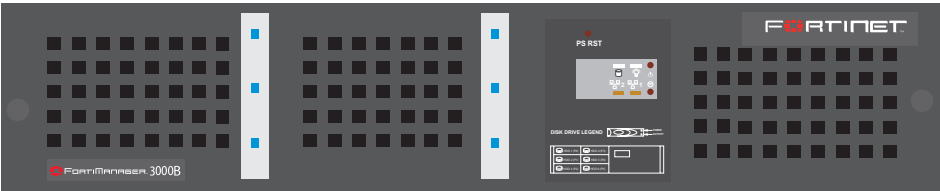
Light Icon	Description
	The light flashes orange when packets are sent and received on the Ethernet port 1 and 2.
	Power indicator is blue when the FortiManager system is on.
	The light flashes blue when reading the boot device.
Hard Disk Upper LED	Blue when the hard disk is properly inserted into the drive bay and the FortiManager is plugged in to a power source.
Hard Disk Lower LED	Flashes blue when reading and writing to the hard disk.

Visit these links for more information and documentation for your Fortinet product.

- Technical Documentation - <http://docs.fortinet.com>
- Fortinet Knowledge Center - <http://kb.fortinet.com>
- Fortinet Technical Support - <http://support.fortinet.com>
- Training Services - <http://campus.training.fortinet.com>

QuickStart Guide

FortiManager-3000B

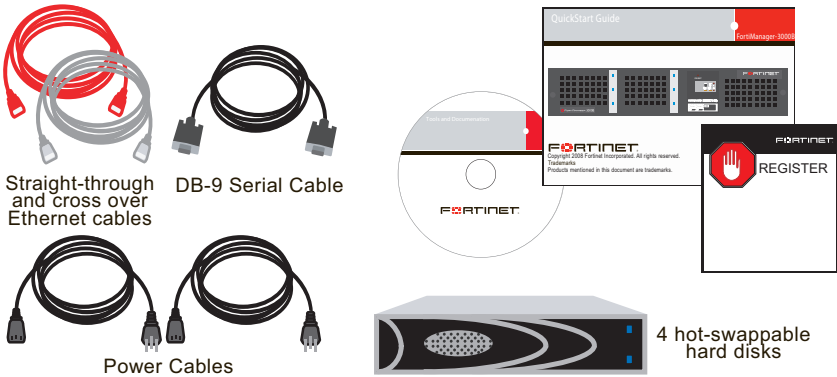
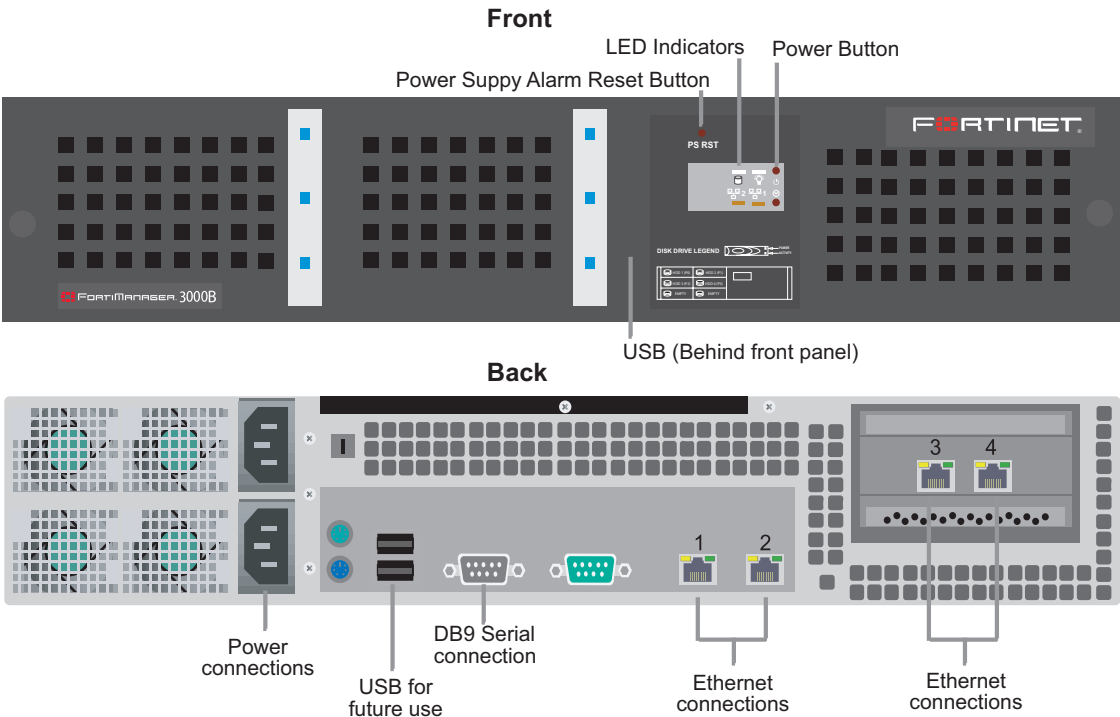


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Regulatory Compliance  
FCC Class B Part 15 CSA/CUS  
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## Package Contents

Connector	Type	Speed	Protocol	Description
Port 1 to 4	RJ-45	100/1000 Base-T	Ethernet	Connection to the internal network.
CONSOLE	DB9	9600 bps 8/N/1	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface.
USB	USB		USB	For future use.

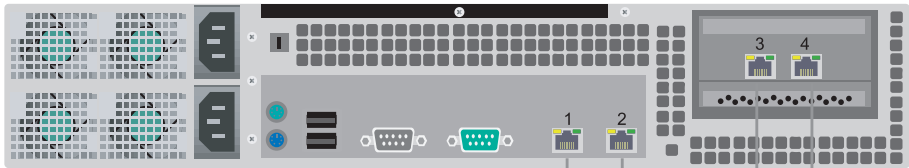


## Connecting

Connect the following to the FortiManager system. Ensure the FortiManager system is placed on a stable surface or securely mounted in a 19" rack.

- Insert the hard disks included in the FortiManager package into the bays of the FortiManager unit, starting in bay 1. **Use the diagram on the front panel as a guide.**
- Insert a network cable to port 1. Insert the other end to the router or switch connected to the network.
- Connect one power chord to a power supply. Connect the other power cord to an alternate power source if available.
- Connect the Power Cord to a surge protected power bar or power supply.
- Press the Power button to turn on the FortiManager unit.
- The power LED appears blue and the hard disk icon LED flashes blue while the system boots.
- For more information, see the *FortiManager Install Guide*.

### Power connections



Null modem cable connects to serial port on management computer.

Straight-through Ethernet cable connects to hub or switch on the network.

## Configuration Tools

### Web-based manager

The FortiManager web-based manager is an easy to use management tool. Use it to configure the administrator password, the interface and default gateway addresses, and the DNS server addresses.

#### Requirements:

- An Ethernet connection between the FortiManager system and management computer.
- A web browser such as FireFox 2.0 and higher or Internet Explorer 6.0 and higher on the management computer.

### Command Line Interface (CLI)

The CLI is a full-featured management tool. Use it to configure the administrator password, the interface addresses, the default gateway address, and the DNS server addresses. To configure advanced settings, see the Tools and Documentation CD-ROM.

#### Requirements:

- The DB9 serial connection between the FortiManager system and management computer.
- A terminal emulation application (HyperTerminal for Windows) on the management computer.

Interface configuration

Port 1 Interface:	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 2 Interface:	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 3 Interface:	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 4 interface:	IP:	____.____.____.____
	Netmask:	____.____.____.____

The interface IP address and netmask must be valid for the internal network.

General settings

Administrative account settings	User name	admin
	Password	(none)
Network Settings	Default Gateway:	____.____.____.____
	Primary DNS Server:	____.____.____.____
	Secondary DNS Server:	____.____.____.____

A default gateway is required for the FortiGate unit to route connections to the Internet.

Factory default settings

Port 1 interface	192.168.1.99
Port 2 interface	0.0.0.0
Port 3 interface	0.0.0.0
DHCP server on Internal interface	0.0.0.0

To reset the FortiGate unit to the factory defaults, in the CLI type the command  
execute factory reset

Web-based Manager

Use the following procedure to connect to the web-based manager for the first time. Configuration changes made with the Web Config are effective immediately without resetting the unit or interrupting service.

To connect to the web-based manager

1. Connect the Port 1 interface of the unit to Ethernet port of the management computer. Use a cross-over Ethernet cable to connect the devices directly. Use straight-through Ethernet cables to connect the devices through a hub or switch.
2. Configure the management computer to be on the same subnet as the Port 1 interface. To do this, change the IP address of the management computer to 192.168.1.2 and the netmask to 255.255.255.0.
3. To access the web-based manager, in your browser, go to https://192.168.1.99 (remember to include the “s” in https://).
4. Type admin in the Name field and select Login.

After connecting to the Web-based manager, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

To configure interfaces

1. Go to **System Settings > Network > Interface**.
2. Click the edit icon to configure each interface.
3. Set the IP address and netmask for the interface.
4. Click OK.

To configure the Primary and Secondary DNS server IP addresses

1. Go to **System Settings > Network > DNS**, enter the Primary and Secondary DNS IP addresses click Apply.

To configure a Default Gateway

1. Go to **System Settings > Network > Static Routing** and select Create New.
2. Set Gateway to the Default Gateway IP address and click OK.

Command Line Interface

The unit has serial port. Use the null modem cable to connect it to your management computer.

To connect to the unit

1. Use a null modem cable to connect the serial port to the management computer serial port.
2. Start a terminal emulation program (such as HyperTerminal) on the management computer. Use these settings: Baud Rate 9600, Data bits 8, Parity None, Stop bits 1, Flow Control None.
3. At the login: prompt, type admin and press Enter twice. (The login prompt is preceded by the server default host name.)

After connecting to the CLI, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

To configure the unit using the CLI

1. Set the IP address and netmask of the Port1 interface.  
config fmsystem interface  
edit port1  
set ip <intf\_ip>/<netmask\_ip>  
end
3. Configure the primary and secondary DNS server IP addresses.  
config fmsystem dns  
set primary <dns-server\_ip>  
set secondary <dns-server\_ip>  
end
4. Configure the default gateway.  
config fmsystem route  
edit 1  
set device <interface>  
set dst <destination\_ip>  
set gateway <gateway\_ip>  
end

Adding an administration password

By default, the admin user does not have a password. To restrict access to the unit management account, add password for the admin user account.

To add the admin user account password

1. Go to **System Settings > Administration > Administrator**.
2. Select the admin user name to edit the profile.
3. Select the Change Password checkbox.
4. Enter the old password.
5. Enter a new password in the New Password and Confirm Password fields.
6. Click OK.

Adding an administration password using the CLI

To add an administration password in the CLI enter the following commands:

```
config fmsystem admin user
edit admin
set password
please input password value <password>
```

Shutting down the unit

When powering off the unit, always shut down the unit using the following procedures before disconnecting the power supply. Not following this procedure can increase the risk of damaging the hard disk.

To power off the unit

1. Go to **System Settings> General > Dashboard**.
2. In the System Operation list, select Shut Down.
3. Click Go.
4. Once the indicates the shut down procedure has completed, disconnect the unit from the power source.

Shutting down the unit using the CLI

Enter the following command at the prompt:

```
execute shutdown
```